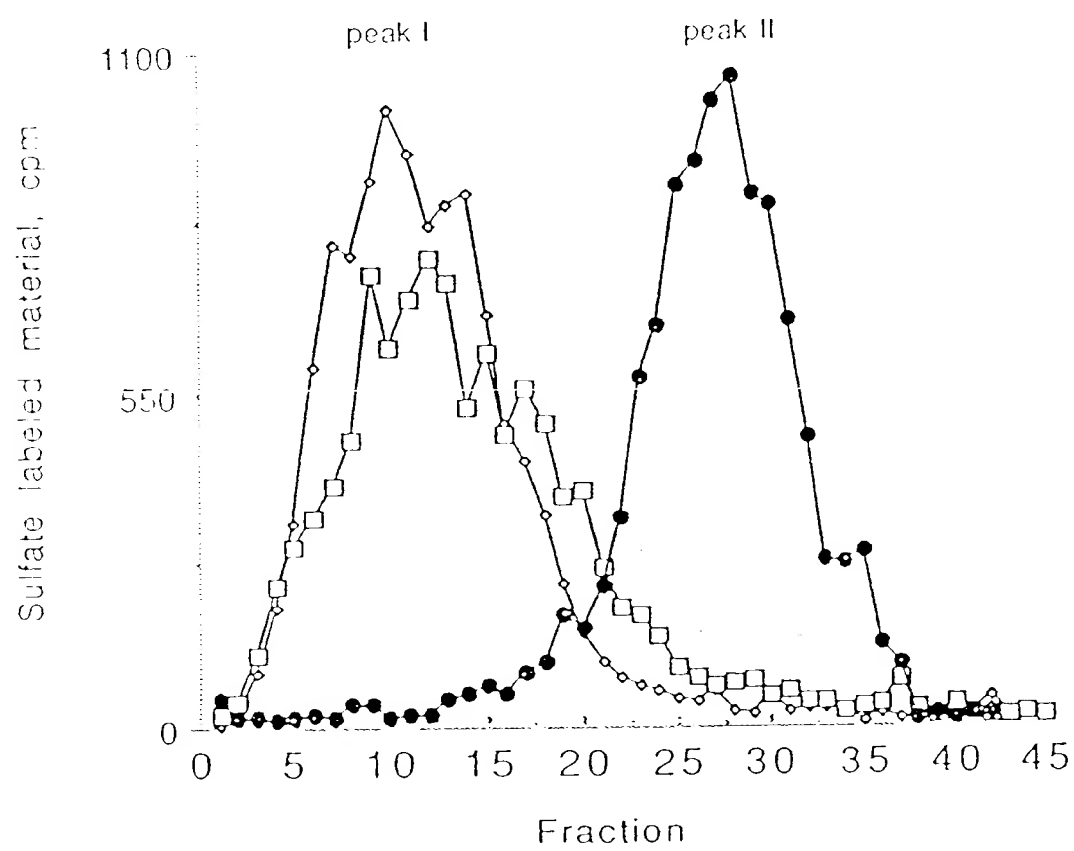


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Fig. 2



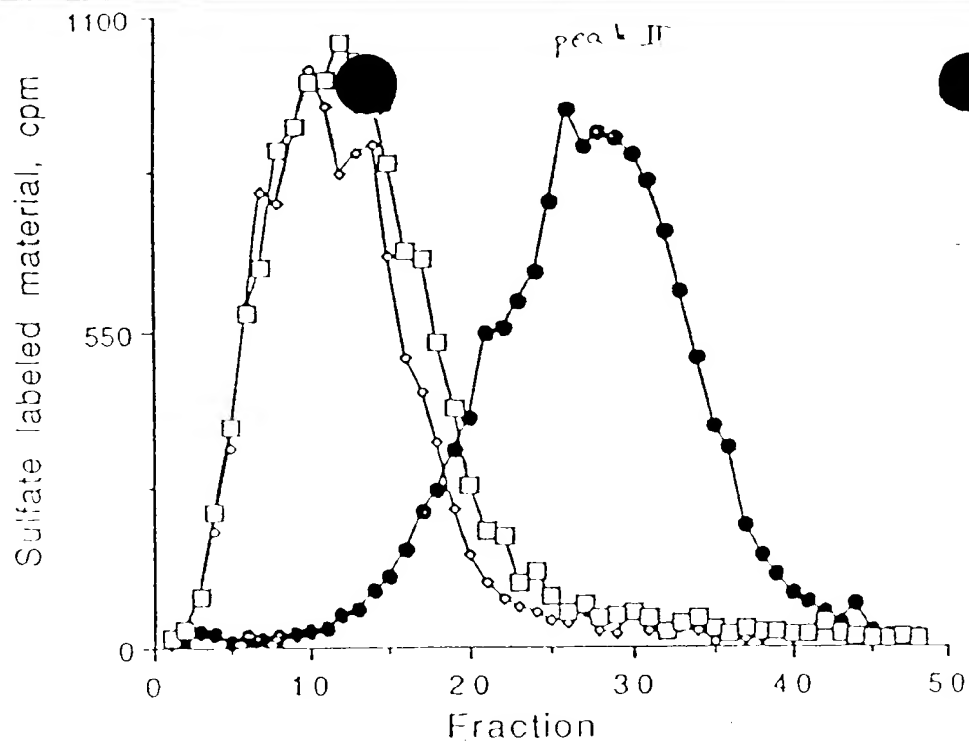


Fig. 3A

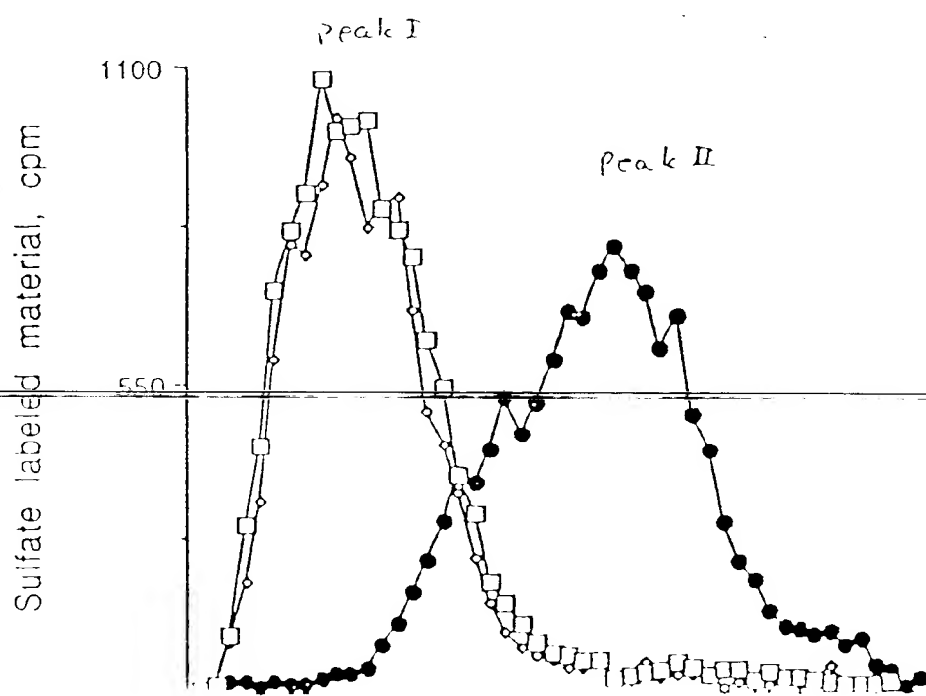
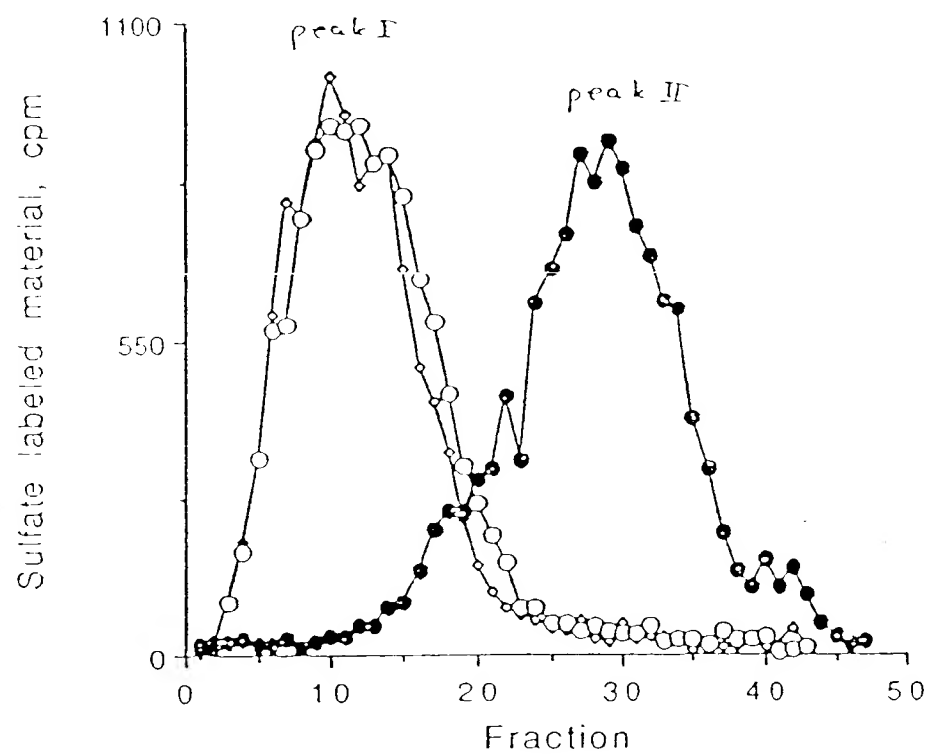


Fig. 3B

Fig. 4



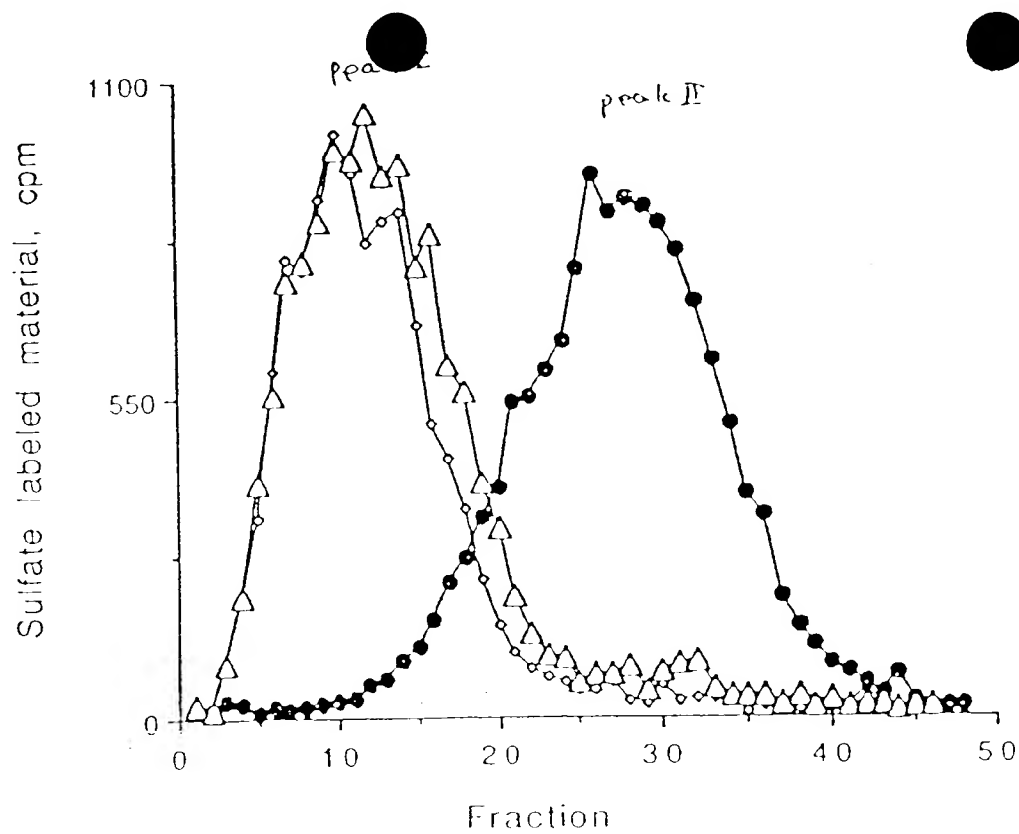
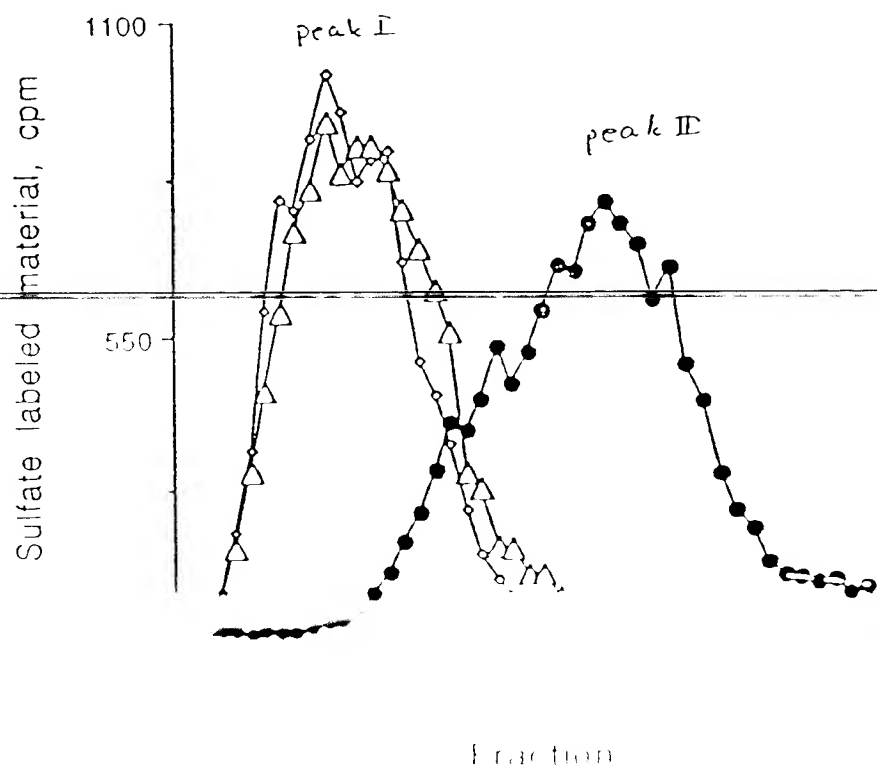


Fig. 5A



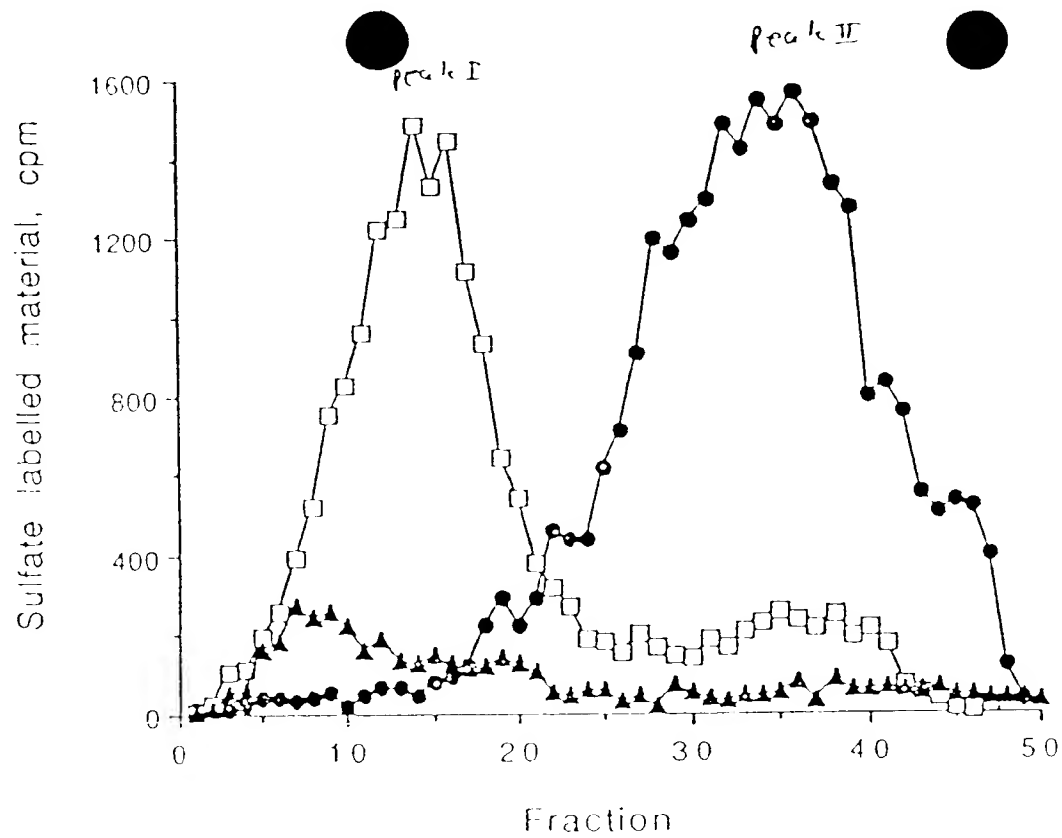


Fig. 6A

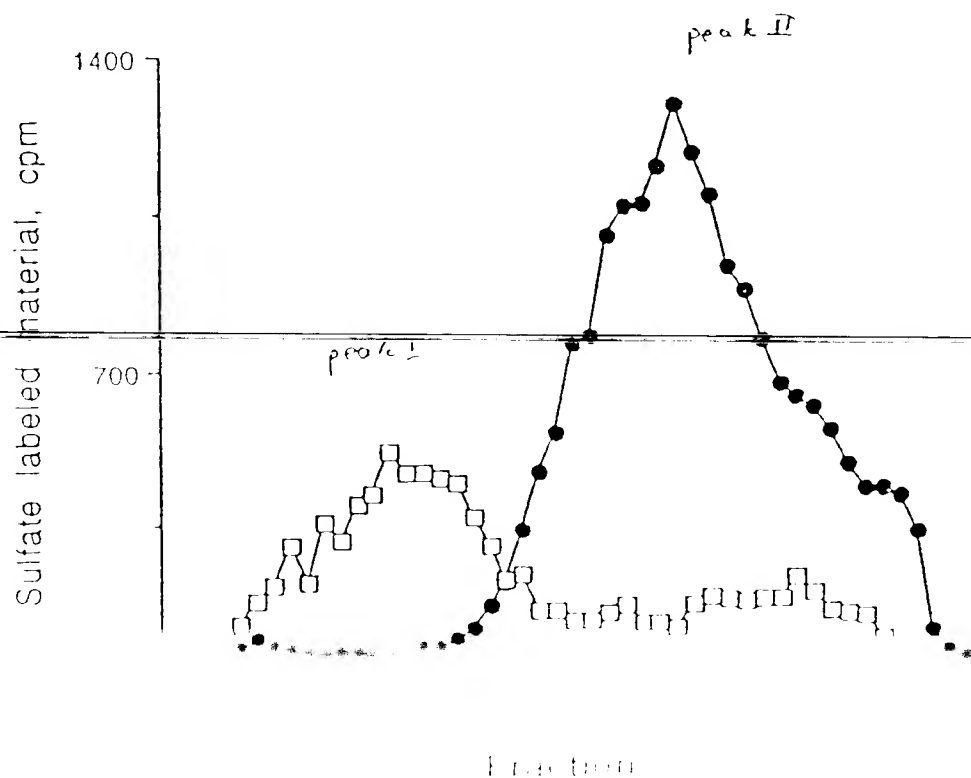


Fig. 6B

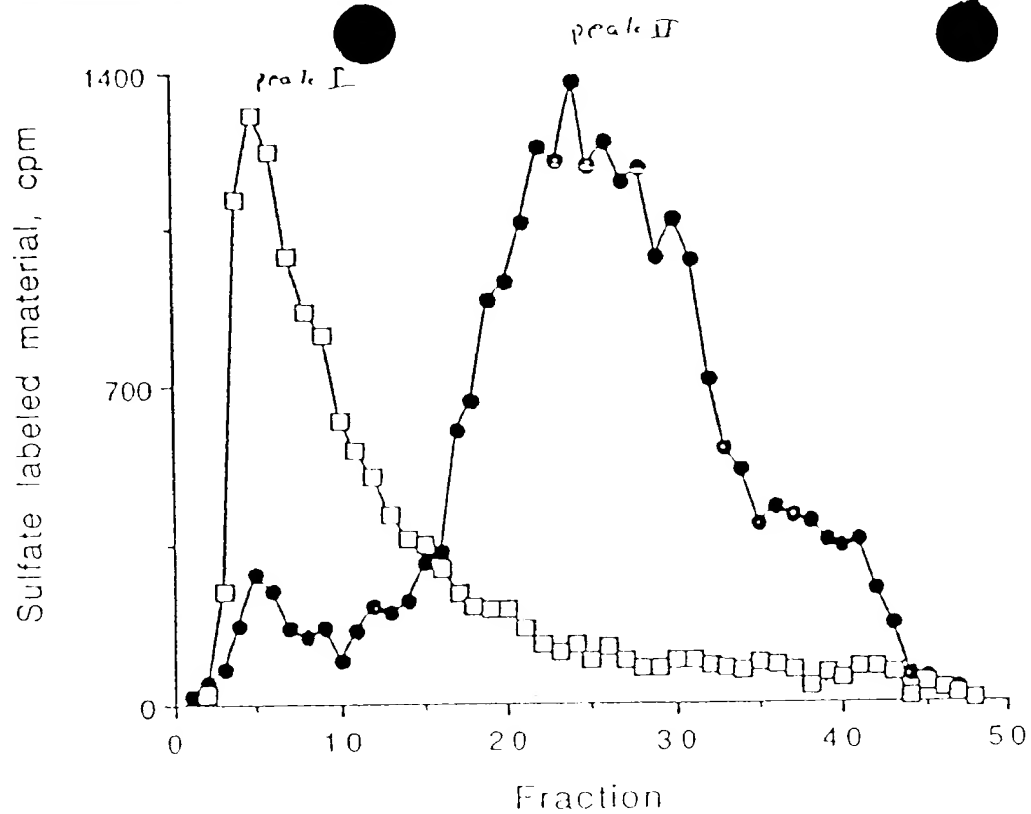


Fig. 7A

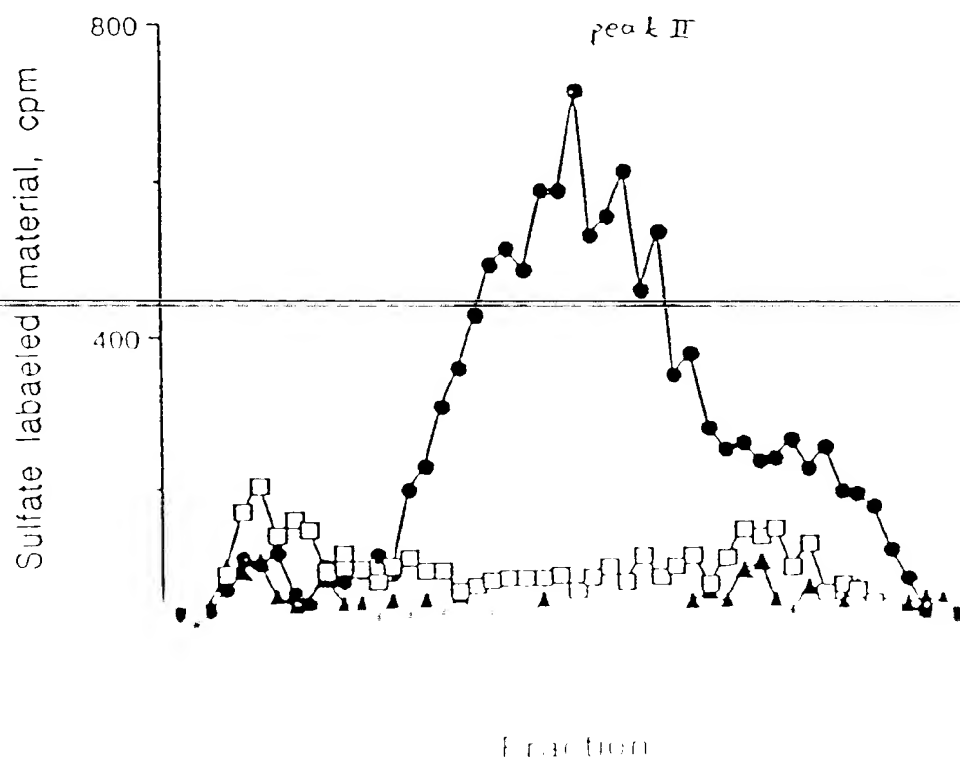


Fig. 7B

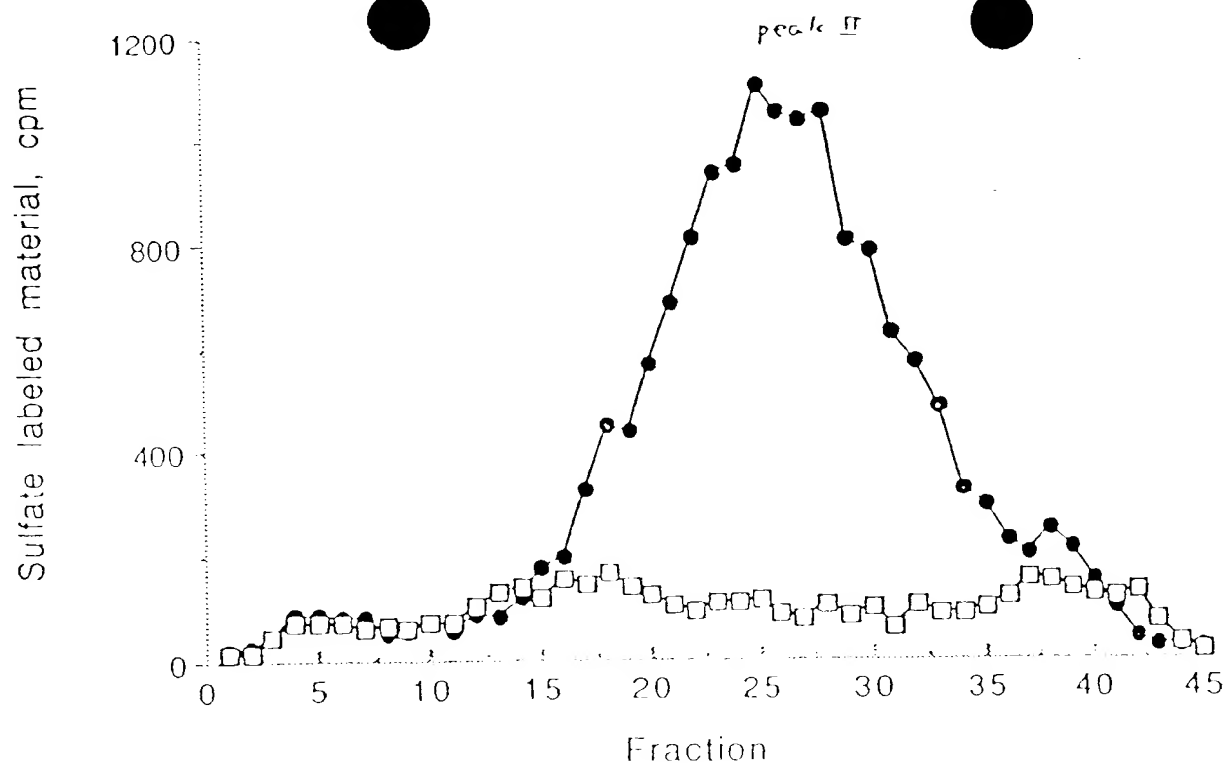
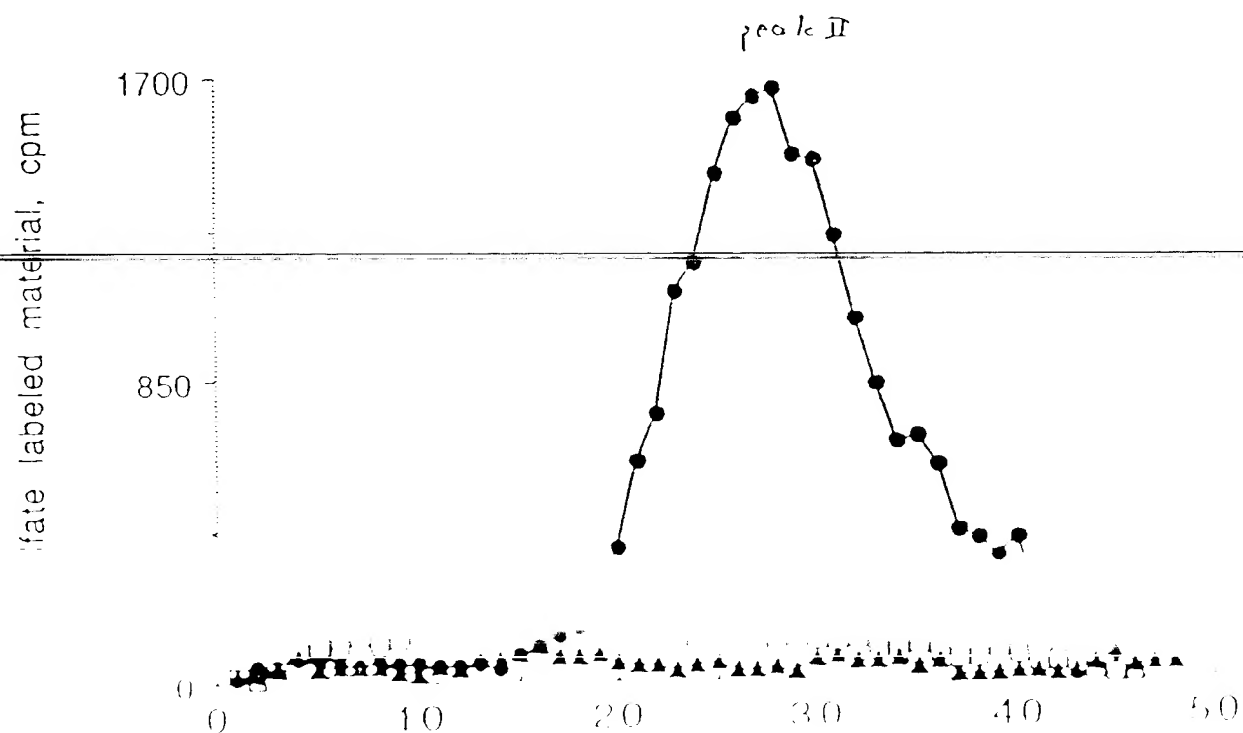


Fig. 8A





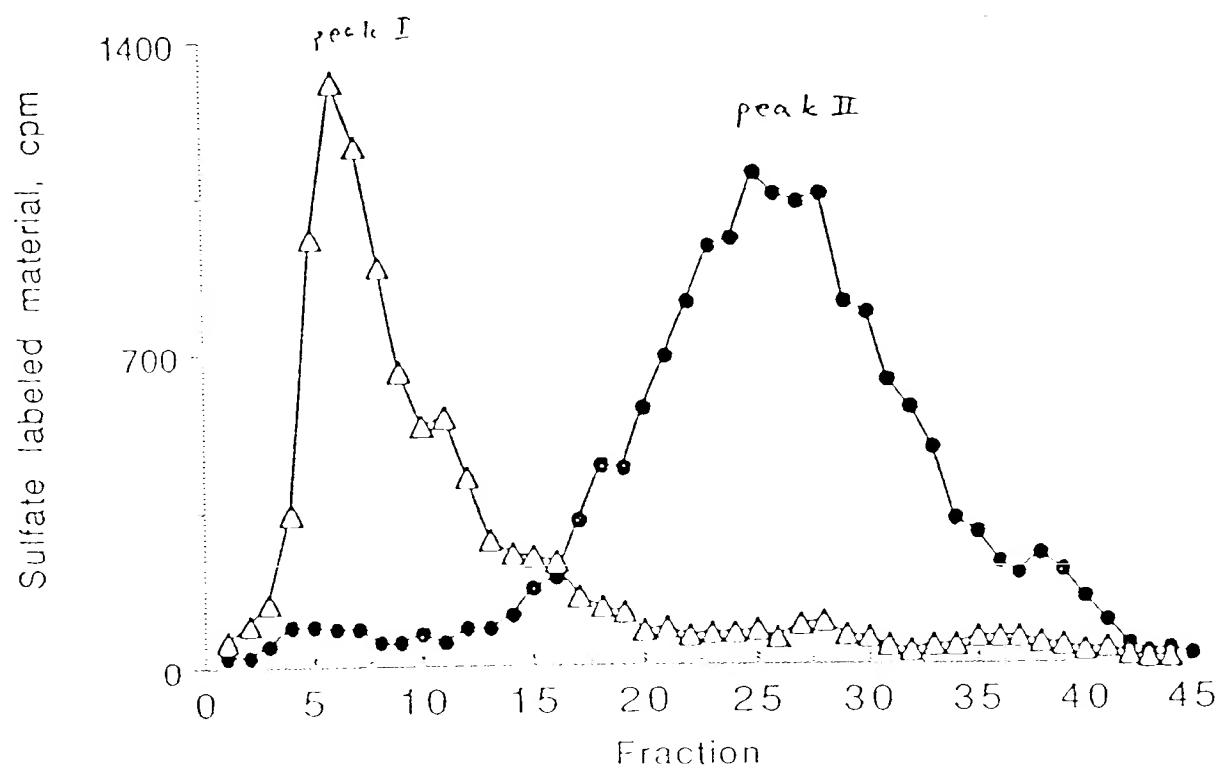
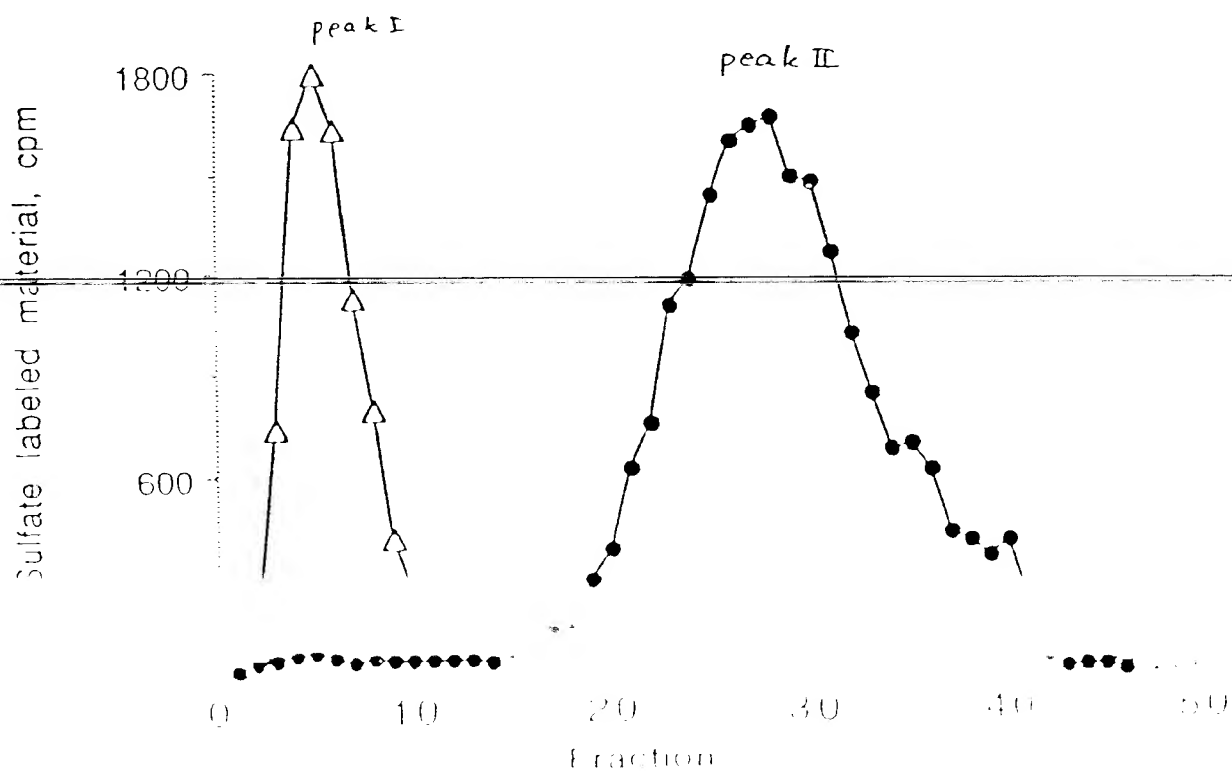


Fig. 9A



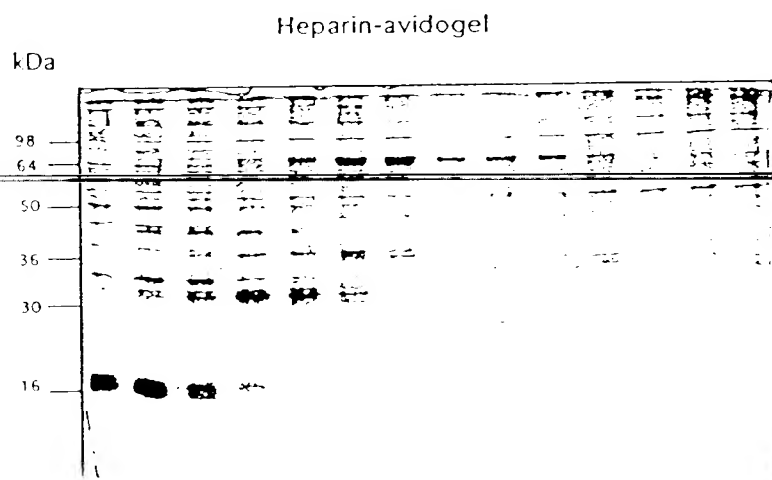
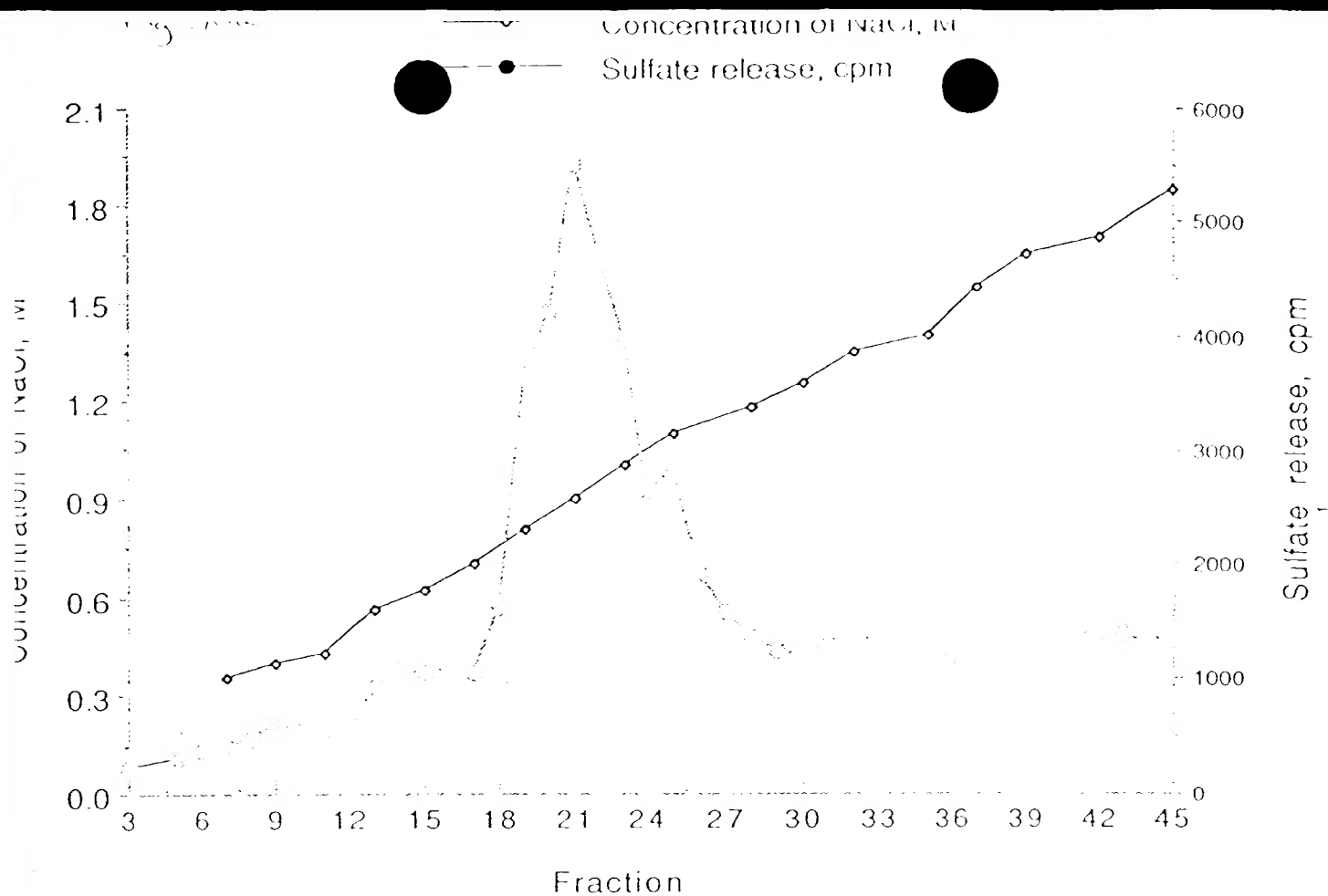
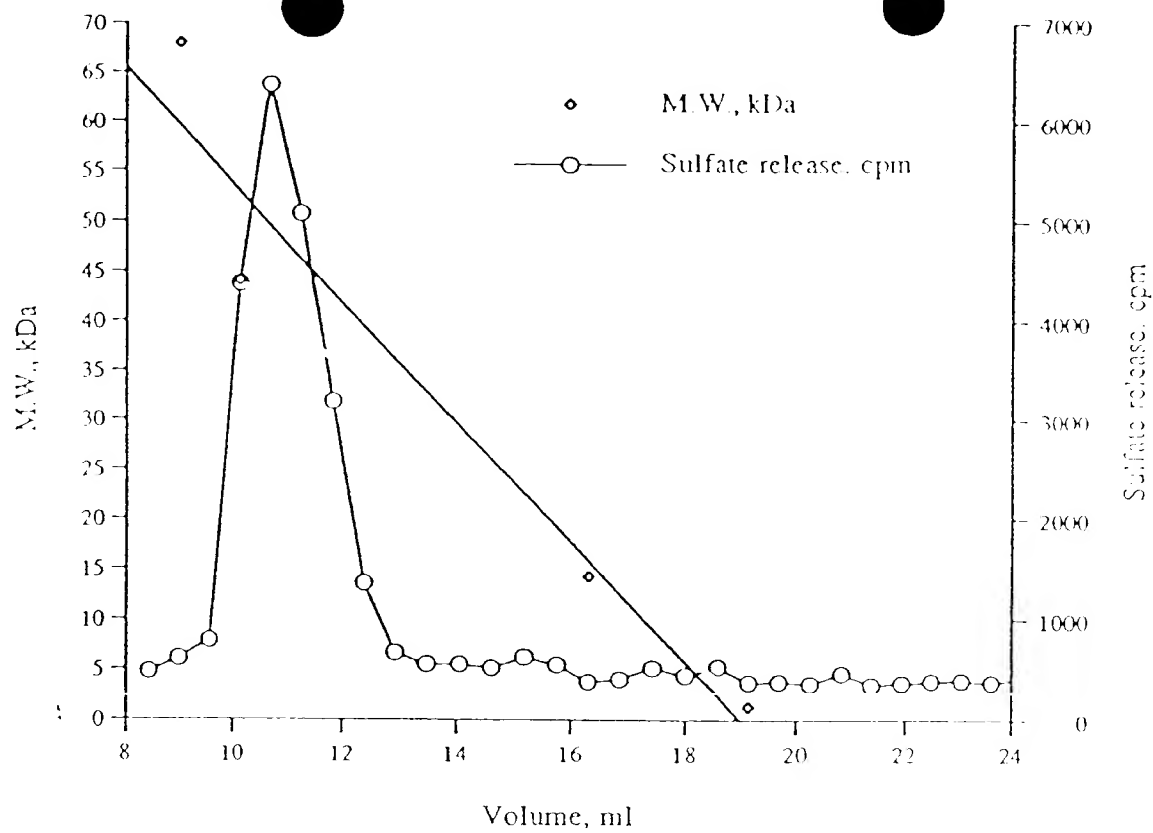


Fig. 10b

Fig. 11a



Gel-filtration

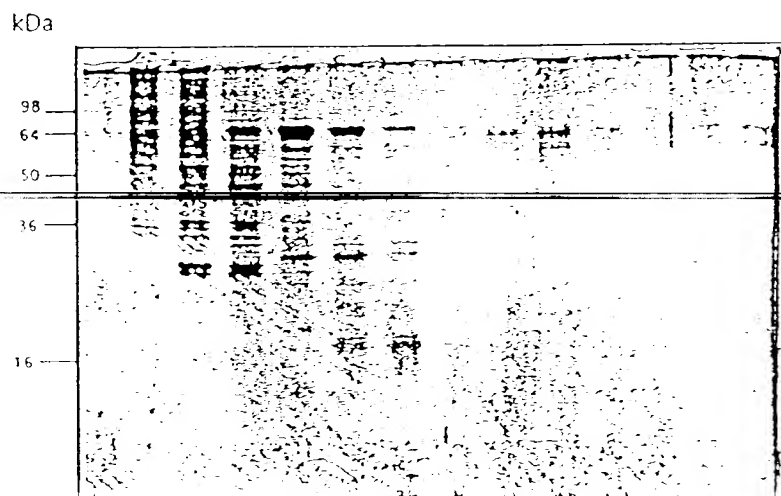
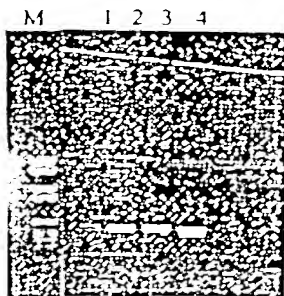
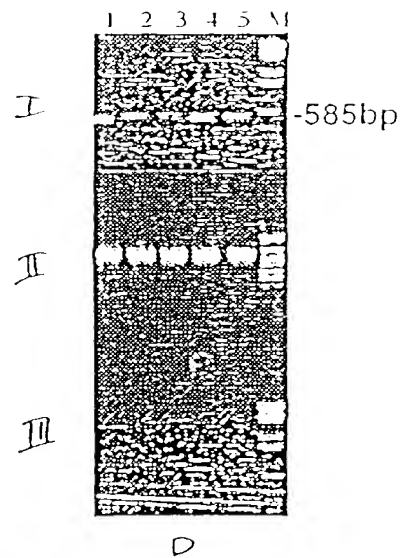
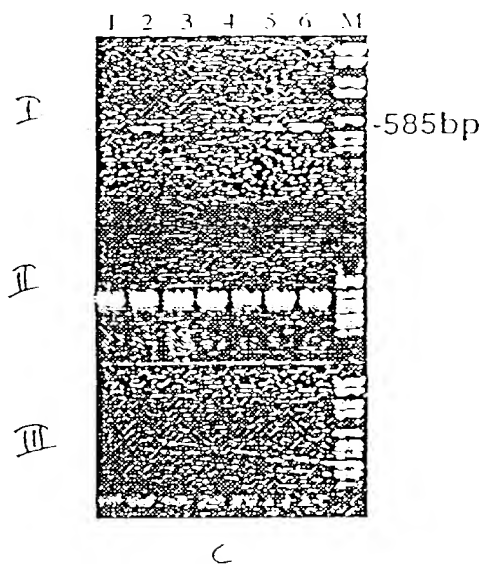
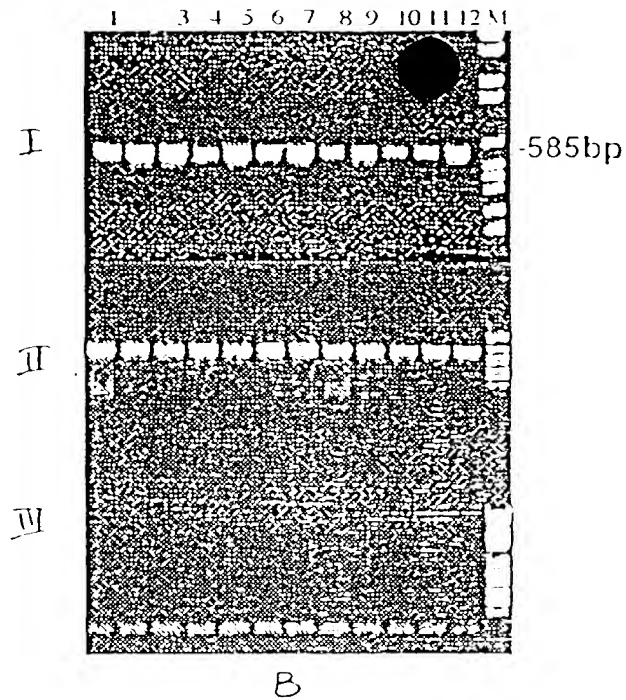
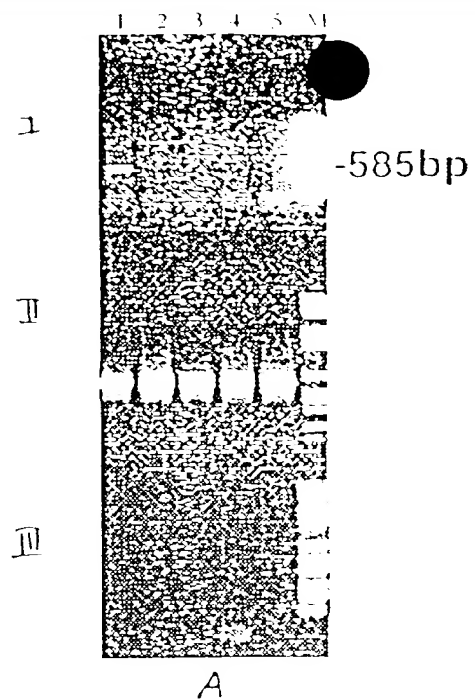


Fig. 11b



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human	GGGCCCTTGCTATCCGACACCTTTGCAGCTGGCTTTATGTGGCTGGATAA	1165
mouse	ATTGGGCCTGTCAAGCCAGATGGGCATAGAAGTCGTGATGAGGCAGGTGT	150
human	ATTGGGCCTGTCAAGCCGAATGGGAATAGAAGTGGTGATGAGGCAAGTAT	1215
mouse	TCTTCGCAGCAGGGAACCTACCACTTAGTGGATGAAAACCTTGAGCCTTTA	200
human	TCTTTGCAGCAGGAAAACCTACCATTTAGTGGATGAAAACCTTGATCCTTTA	1265
mouse	CCTGATTACTGGCTCTCTCTCTGTTCAAGAAACTGGTAGGTCCAGGGT	250
human	CCTGATTATTGGCTATCTCTCTGTTCAAGAAATTGGTGGGCACCAAGGT	1315
mouse	GTTACTGTCAAGAGTGAAAGGGCCAGACAGGAGCAAACTCCGAGTGTATC	300
human	GTTAATGGCAAGCGTGCAAGGTTCAAAGAGAAGGAAGCTTCGAGTATACC	1365
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human	TTCAATGCACAAACACTGACAATCCAAGGTATAAAGCAAGGAGATTAACT	1415
mouse	CTGTATGTCTCTGAACCTCCATAATGTCACCAAGCACTTGAAGGTACCGCC	400
human	CTGTATGCCATAAAGCTCCATAAGCTCACCAAGTACTTGGGGTTACCGTA	1465
mouse	TCCGTTGTTCAGGAAACAGTGGATACGTACCTTCTGAAGCCTTCGGGGC	450
human	TCCTTTTCTAACAAGCAAGTGGATAAATACCTTCTAAGACCTTTGGGAC	1515
mouse	CGGATGEATTACTTTCCAAATCTGTCCAACCTGAACGGTCAAATTCTGAAG	500
human	CTCATGGATTACTTTCCAAATCTGTCCAACCTCAATGGTCTAACTCTAAAG	1565
mouse	ATGGTGGATGAGCAGACCCTGCCAGCTTTGACAGAAAAACCTCTCCCGGC	550
human	ATGGTGGATGATCAAACCTTGCCACCTTTAATGGAAAAACCTCTCCGGCC	1615
mouse	AGCAAGTGCACCTAAGCCTGGCTGCCTTTTCTATAGGTTTTTTTGTGATAA	600
human	AGGAAGTTCACCTGGGCTTGCCAGCTTTCTCATATAGTTTTTTTGTGATAA	1665
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Fig. 14

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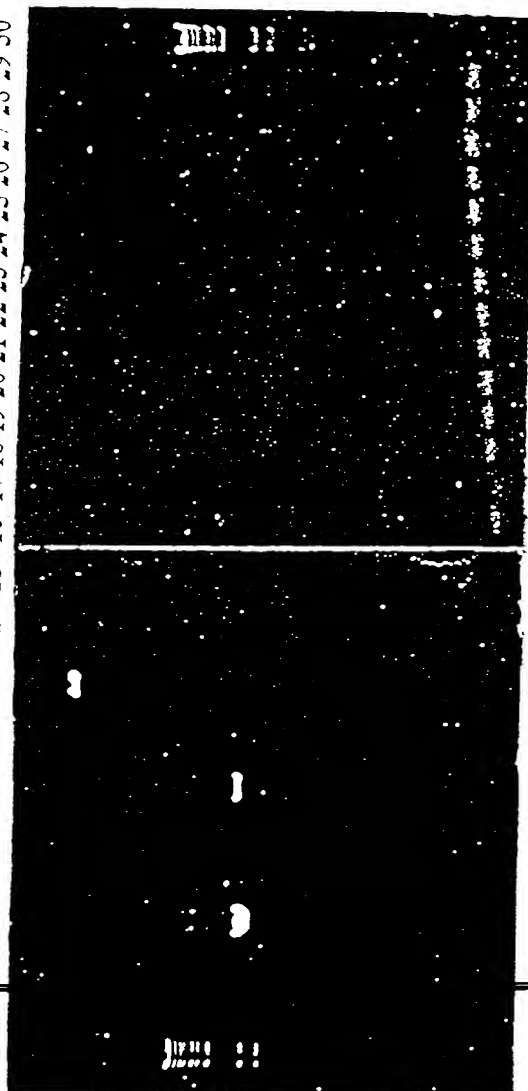


Figure 15

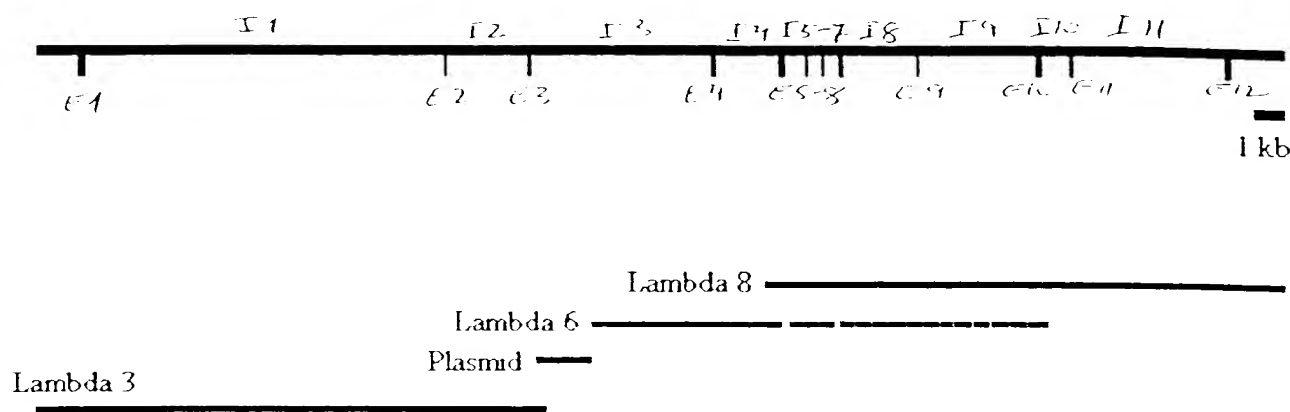


Figure 16

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 t t g t a a a t g a e g a t a a a t g e a t t t t g e t t e a g t g g g t t a t t t t g a a a  
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 c a g e e a c a c a g a c t g a t g t t g e a c c a a c a t t t t t a g e t t e a g a c t t e  
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atgggtggggcatgcaccacttggtttaactcggtgtatctttctcttttg 41700  
cagatctgtgccaactcaatgggttaactctaaaagatgggtgatgatcaaa 41750  
S V Q L N G L T L K M V D D Q

CCTTGCCACCTTTAATGAAAAACCTCTCCGGCCAGGAAGTTCACCTGGGC 41800  
T L P P L M E K P L R P G S S L G

TTGCCAGCTTTCTCATATAGTTTFTTTTGTGATAAGAAATG'CAAAGTTGC 41850  
L P A F S Y S F F V I R N A K V A

TGCTTGCACTCTGAAAA'AAAAATATACTAGTCCCTGACACTGaatttttcaa 41900  
A C I \*

qtataactaaaggttaaaagcaactcaagttataggaaaggaaagcaagatacct 41950  
tgcaaaagcaactagtgggtgcttgagagacactggggaactgtcagtgct 42000  
agatttagcacaagttatttgatctcgcctaggtagaacactgctaataata 42050  
atagctataataaacttgttccaaataactgcttagcattttgcattgttt 42100  
actttttatctaaagtttttggttttgttttatttattttattttattttatt 42150  
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accactagtggtgtgttttccaccttgtttatactatcaggatcctcga 44898

Figure 17

					50
human	MLLRSKPALP	PPLMLLLLGP	LGPLSPGALP	RPAQAQDVVD	LDFFTQEPLH
mouse	.....ML	RLILWLWGP	LGALAQQGAP	GTAPTIDVVD	LEFYTKFELR
rat	.....	RLILWLWGR	LRALTQGTPA	GTAPTEDEVVD	LEFYTKLEFQ
					100
human	LVSPSFLSVT	IDANLATDPR	FLILLGSPKL	RTLARGLSPA	YLREGGGTKTD
mouse	SVSPSFLSIT	IDASLATDPR	FLTFLGSPRL	RAIARGLSPA	YLREGGGTKTD
rat	SVSPSFLSIT	IDASLATDPR	FLTFLSSPRL	RALSRLSPA	YLREGGGTKTD
					150
human	FLIFDPKKES	TFEERSYWQS	QVNQDICKYG	SIPPDVEEKL	RLEWPYQEQL
mouse	FLIFDPIKEP	TSEERSYWKS	QVNHDICRSE	PVSAAVLEKL	QVEWPFQELL
rat	FLIFDPNNEP	TSEERSYWQS	QNNNDICGSD	RVSADVL---	-----
					200
human	LLREHYQKKF	KNSTYSRSSV	DVLYTFANCS	GLDLIFGLNA	LLRTADLQWN
mouse	LLREQYQKEF	KNSTYSRSSV	DMLYSFAKCS	GLDLIFGLNA	LLRTPDLRW
rat	-----	-----	-----	-----	-----
					250
human	SSNAQLLLDY	CSSKGYNISW	ELGNPNNSFL	KKADIFINGS	QLGEDYIQLH
mouse	SSNAQLLLDY	CSSKGYNISW	ELGNPNNSFW	KKAHILIDGL	QLGEDFVELH
rat	-----	-----	-----	-----	-----
					300
human	KLLRKSTFKN	AKLYGPDVGQ	PRRKTAKMLK	SFLKAGGEVI	DSVTWHHHYYL
mouse	KLLQRSAPQN	AKLYGPDIGQ	PRGKTVKLLR	SFLKAGGEVI	DSLTHHHYYL
rat	-----	-----	-----	-----	-----
					350
human	NGRTATREDF	LNPDVLDIFI	SSVQKVQVQV	ESTRPGKKVW	LGETSSAYGG
mouse	NGRIATKEDE	LSSDALDTFI	LSVQKILKVT	KEITPGKKVW	LGETSSAYGG
rat	-----	-----	-----	-----	-----
					400
human	GAPLLSDTFA	AGFMWLDKLG	LSARMGIEVV	MRQVFFGAGN	YHLVDENFDP
mouse	GAPLLSNTFA	AGFMWLDKLG	LSAQMGIEVV	MRQVFFGAGN	YHLVDENFEP
rat	-----	-----	-----	-----	-----
					450
human	LPDYWLSLLF	KKLVGTVKVM	ASVQGSKRRK	LRVYLHCTNT	DNPRYKEGDL
mouse	LPDYWLSLLF	KKLVGPRVLL	SRVKGPDRSK	LRVYLHCTNV	YHPRYQEGDL
rat	-----	-----	-----	-----	-----
					500
human	TLYAINLHNV	TKYLRLPYPF	SNKQVDKYLL	RPLGPHGLLS	KSVQLNGLTL
mouse	TLYVINLHNV	TKHLKVPEPL	FEKIVDTYLL	KPSGPDGLLS	KSVQLNGQIL
rat	-----	-----	-----	-----	-----L
					543
human	KMVDDQTLPP	IMEKPLRPGS	SLGLPAFSYS	FFVIRNAKVA	ACI~
mouse	KMVDEQTIPA	LTEKPLPAGS	ALSPLAFSYG	FFVIRNAKIA	ACI~
rat	KMVDEQTXPA	LTEKPLPAGS	SLSVPAFSYG	FFVIRNAKIA	ACI~



Figure 18

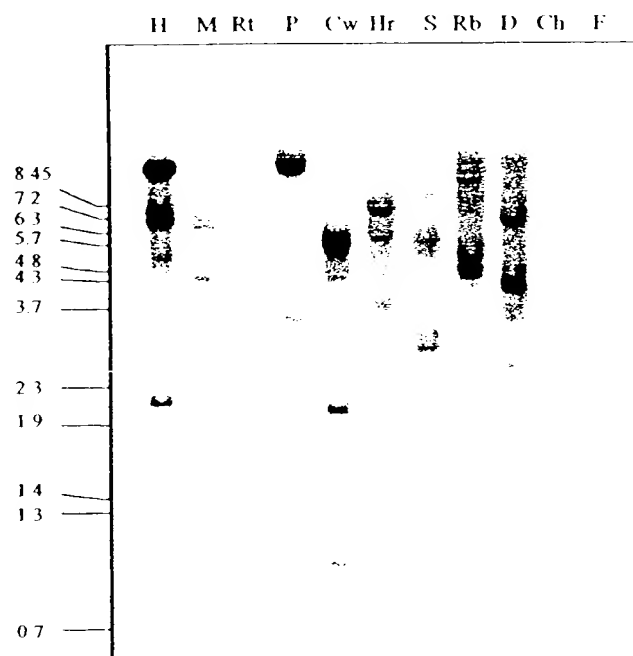


Figure 19

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      |MLLRSKPALPPFLMLLLIGPLGPLSPGALPRPAQAQDVVDLDFFFTQEPHLHLVSPSFLSVT| 60
PHD |          EEEEE          HHH          EEEE          EEE|

      |IDANIATDPRFLILLGSPKLRTIARGLSPAYLRFGGTETDFLI FDPKKESTFEERSYQ5| 120
PHD |EEE          EEEEE  HHHHHH  HHHHE  EEEEE          HHHHHH|

      |IQVNQDICKYGSIPPDVEEKLRLWEPYQEQLLLREHYQKKFKNSTYSRSSVDVLYTFANCS| 180
PHD |HHHHHHHH  HHHHHH  HHHHHHHHHHHHHHHH  EEEEEEEEEEE  |

      |GLDLIFGLNALLRTADLQWNSSNAQLLLDYCSSKGYNISWELGNEPNSFLKKADIFINGS| 240
PHD | HHHHHHHHHHHHHHHHHHHHHHHHHHHHHHHHHH  EEEEE  HHHHHH EEEE  |

      |QLGEDYIQLHKLLRKSTFKNAKLYGPDVGQPRRKTAKMLKSFLKAGGEVIDSVTWIHYLL| 300
PHD |  HHHHHHHHHHHHHHHHHHHHHHHHHHHHHHHHHH  HHHHHHHHHHHHHH  EEEEEEEEEEE  |

      |NGRTATREDFLNPDVLDIFISSVQKVQVVESTRPGRKQVWIGETSSAYGGGAPLLSDTFA| 360
PHD |          HHHHHHHHHHHHEEEEEEE  EEEEE  HHHHHHHH|

      |AGFMWLQKLGLSARMGIEVVMRQVFFGAGNYHLVDENFDPLPDYWLSLLFKKLVGTVKVM| 420
PHD |HHHHHHHHH  HHHH HHHHHHHHHHHHHH  EEEEE  HHHHHHHHHHHHHH  EEEEE|

      |ASVOGSKRRKLRVYLHCTNTDNPRYKEGDLTLYAINLHNVTKYLRLPYPFSNKQVDKYLL| 480
PHD |EEE  E  EEEEEEEE  EEEEE  EEEEE  HHHHHHHH|

      |RPLGPHGLLSKSVQINGLTLMVDDQTLPPIMEKPLPPGSSLGLPAFSYSFFVIRNAKVA| 540
PHD |HH          EEEEEEE  EEEEE          EEEEEEE EE  |

      |ACI|
PHD |  |

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